HIDDEN SPLENDOR RESOURCES, INC.

HORIZON MINE

2007 ANNUAL REPORT

File in:

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DOGM PERMIT - C/007/020

To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an x.

GENERAL INFORMATION

Permitte Name	Hidden Splendor Resources Inc.		
Mine Name	Horizon Mine		
Operator Name			
(If other then permittee)			
Permit Expiration Date	October 11, 2011		
Permit Number	C0070020		
Authorized Representative Title	Kit Pappas-Manager of Environmental and Engineering		
Phone Number	Office 435-636-0820		
Fax Number	435-636-0817		
E-mail Address	kit@emerytelcom.net		
Mailing Address	3266 South 125 West Price, Utah 84501		
Designated Representative	Kit Pappas		
Resident Agent	Same as above		
Resident Agent Mailing Address			
Number of Binders Submitted	1 TO PRICE FIELD OFFICE, 1 TO SALT LAKE CITY OFFICE		

IDENTIFICATION OF OTHER PERMITS

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-02074	Horizon No. 1 Mine	N/A
	42-02075	Horizon No. 2 Mine (not started)	N/A
MSHA Impoundment(s)			
NPDES/UPDES Permit(s)	UTG040000-001	Sediment Pond 001	4/30/2013
	UTG040000-002	Mine Discharge (pipe)	4/30/2013
PSD Permit(s) (Air)	DAQE-700-0	Modification of Approval Order BAQE-700-0	N/A
Other			

File in:
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Shelf
Expandable
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In Coo 70020, 2008, Jucoming
For additional information

DOWN A DIRITIAN TOT	TOOT		Page 2
007 ANNUAL RE	PORT		
CERTIFIED REPORES List the certification of the ce	ified inspection ted to the Divisi	on. Specify whether the information	l under the approved plan that must be n is included as Appendix A to this report
Certified Reports:	Required Yes No	Included or DOGM file location Included Vol, Chapter, Page	Comments
G '1 D'1	Yes No	meruded voi, enapter, rag	N/A
Excess Spoil Piles			N/A
Refuse Piles			
mpoundments			
Other		П	
	- 		
	tee is responsib permit are comp	le for ensuring annual technical con	nmitments in the MRP and conditions vision has identified these commitments uring the past year for each commitment

Admin R645-301-100 Soils R645-301-200	
Biology R645-301-300	
Has this commitment been acted on this year? Yes No Not Required for this year.	Title: CULTURAL RESOURCES Objective: If during the course of mining operations, previously unidentified cultural resources are discovered, the Permittee shall ensure that the site(s) is not disturbed and shall notify the Division of Oil, Gas, and Mining. The Division, after coordination with OSM, shall inform the Permittee of necessary actions required. Frequency: The Permittee shall implement the mitigation measures required by the Division within the time frame specified by the Division. Status: Ongoing. Reports: Annual. Citation: Permit condition Sec. 16.

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Has this commitment been acted on this year? Yes No Not Required for this year	Title: MACROINVERTEBRATE SURVEY Objective: Macroinvertebrate surveys of Gordon Creek .2 miles above the confluence of Jewkes Creek and the North fork of Gordon Creek .1 of a mile below the confluence of those streams to monitor potential impacts from mining activities. Frequency: Every other year. Status: Ongoing Reports: Annual. Citation: Volume 3, chapter 10 section 10.2.3, page 10-4, paragraph 5
	Title: RAPTOR SURVEY Objective: An active raptor nest will be verified prior to full pillar extraction being completed within 500 feet of the nest. If the nest is still active full pillar mining will leave a 200-foot barrier around the nest location. If the nest is inactive, a barrier of 100 feet will be left around the nest location. Mitigation of nests either active or inactive lost do to impacts from mining will be replaced under the guidelines and assistance from DWR. Frequency: Annually. Status: Ongoing for the life of the mine. Reports: Annual Report. Citation: Volume 3, chapter 10 section 10.5.1.2, pages 10-39 and 40, paragraphs 9 and 1.
Has this commitment been acted on this year? Yes No Not Required for this year.	Title: STREAM BUFFER ZONE PROTECTION Objective: HSR commits to develop a protection and enhancement plan with DWR and DOGM prior to any secondary or retreat mining under Beaver Creek Frequency: When second mining under streams occures. Status: Check to see if plan has been developed. Reports: Inspector should check to see if second mining has occurred under streams, annually. Citation: status Volume 3, chapter 10 section 10.7, page 10-40, paragraph 5.
	es, Air Quality R645-301- 400
Engineering R645-301-50	00
Has this commitment been acted on this year? Yes No Not Required for this year.	Title: SUBSIDENCE CONTROL AND MONITORING Objective: Pedestrian Survey to be conducted no sooner that 6 months but no later than 12 months after an area has been subsided. Frequency: Annually. Status: One going. Reports: Annual Report. Citation: 3.4.8.5

DOOR ANNIHAL DEDOL	OT.	Page 4	
007 ANNUAL REPORT			
Has this commitment been acted on this year? Yes No Not Required for this year.	Title: COLLECTING AND REPORTING OF BASELINE DATA Objective: Compare Baseline Data Parameters. Frequency: Every 5 years during low flow season of the year. Status: Ongoing until Division releases from commitment. Reports: Summary in Annual Report during monitoring year. Citation: Chapter 7, page 7-34. See Appendix B		
Geology R645-301-600			
Hydrology R645-301-700			
Bonding & Insurance R64	45-301-800		
Other Commitments			

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Change in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is Requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Please provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other change as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include certified financial statements, audits or worksheets, which may be required to meet bonding requirements. Specify whether the information is currently on file with the Division or included as Appendix C to the report.

Legal / Financial Update	Requ Yes		Included or Included	DOGM File location Vol, Chapter, Page	Comments
Department of Commerce, Annual Report Officers		\boxtimes			
Other					

^{*}Reminder: If equipment has been abandoned during 2007, an amendment must be submitted that includes a map showing its location, a description of what was abandoned, whether there were any hazardous or toxic materials and any revision to the PHC as necessary.

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MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2007, are to be provided to the Division as Appendix D to this report in accordance with the requirements of R 645-301-525.240. These map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Upon request, the Division shall keep mine maps confidential. Please provide a CD.

	and the state of	Confidential		
Map Number(s)	Map Title/ Description	Yes	No	
Annual subsidence	HORIZON 5 MINE PLAN WITH SUBSIDENCE POINTS			
map				

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07 ANNUAL REPORT	
OTHER INFORMATION Please provide any comments of further information to be included as part of the Annual other attachments are to be provided as Appendix E to this report. If information is submitted as then by individual mine, please identify each of the mine's data in the list below.	Report. Any s a group rather
Additional attachment to this report? Yes 🖂 No 🗌	
HORIZON WELL MONITORING DEQ WATER SAMPLE – UTG040019 – UPDES 002A DISCHARGE 3/27/2007 DEQ WATER SAMPLE – UTG040019 – UPDES 002A DISCHARGE 10/30/2007	

APPENDIX A

Certified Reports

Excess Spoil Piles Refuse Piles Impoundments

As required under R645-301-514

CONTENTS

QUARTERLY AND ANNUAL POND INSPECTIONS FOR POND 001

IMPOUNDMENT INSP	ECTION AND CERTIFIED REPORT		Page 1 of 1			
Permit Number	C/007/020	Report Date: 3-8-2007				
line Name	Horizon					
Company Name	Hidden Splendor Resources, Inc.					
Impoundment Identification						
	UPDES Permit Number UTG040019					
IMPOUNDMENT I	NSPECTION					
Inspection Date	3-8-2007					
Inspected By	Kit Pappas					
Reason for Inspection (Annual, Quarterly or Other Per Construction)	iodic Inspection, Critical Installation, or Completion o	Quarterly Inspection	. ,			
No signs of insta	e of any instability, structural weakness, or any oth ability noted at this incised pond. nent. No hazardous conditions we	There is no evidence of	slumping in the pond or			
Required for an impoundment which functions as a SEDIMENTATION POND.	2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment. 60% Sediment Storage - 7566.9 100 % Sediment Storage - 7569.8					
	3. Principle and emergency spillway ele Spillway Elevation - 7573.9 Fee 4. Field Information Some water in pond. Frozen ov The pond was not discharging were stable. No instability was the stable of the pond was t	et er at this time. at the time of inspection	. The inlets and outlet n embankment.			

IMPOUNDMENT INSPI	ECTION AND CERTIFIED REPORT		Page 1 of 1
Permit Number	C/007/020	Report Date: 6-27-2007	
Tine Name	Horizon		
Company Name	Hidden Splendor Resources, Inc.		
Impoundment Identification	Impoundment Number	001	
	UPDES Permit Number	UTG040019	
IMPOUNDMENT IN	SPECTION		
Inspection Date	6-27-2007		
Inspected By	Kit Pappas		
Reason for Inspection (Annual, Quarterly or Other Period Construction)	odic Inspection, Critical Installation, or Completion of	Quarterly Inspection	
No signs of instal	of any instability, structural weakness, or any other oility noted at this incised pond. Tent. No hazardous conditions were	here is no evidence of sl	umping in the pond or
Required for an impoundment which functions as a SEDIMENTATION POND.	average elevation of existing sediment.		

MPOUNDMENT IN	SPECTION AND CERTIFIED REPORT		Page 1 of 1
ermit Number	C/007/020	Report Date: 9-17-2007	
ine Name	Horizon		
Company Name	Hidden Splendor Resources, Inc		
mpoundment dentification	Impoundment Number	001	
	UPDES Permit Number	UTG040019	
MPOUNDMENT	INSPECTION		
nspection Date	6-27-2007		
nspected By	Kit Pappas		
Reason for Inspection Annual, Quarterly or Other construction)	Periodic Inspection, Critical Installation, or Completion of	Quarterly Inspection and	Annual
No signs of in on the emban	stability noted at this incised pond. kment. No hazardous conditions wer	There is no evidence of site re noted.	imping in the pond of
chich functions as a EDIMENTATION PON	average elevation of existing sediment.	7561.4	
	Spillway Elevation - 7573.9 Fee 4. Field Information		
	Some water in pond. The pond was not discharging a were stable. No instability was r	at the time of inspection. The noted on the downstream e	ne inlets and outlet embankment.
		22-150	3510

IMPOUNDMENT INSPE	CTION AND CERTIFIED REPORT		Page 1 of 1	
Permit Number	C/007/020	Report Date: 10-16-2007		
Mine Name	Horizon			
Company Name	Hidden Splendor Resources, Inc.			
Impoundment Impoundment Number 001 Identification				
	UPDES Permit Number	UTG040019		
IMPOUNDMENT IN	SPECTION			
Inspection Date	10-15-2007			
Inspected By	Kit Pappas			
Construction)	dic Inspection, Critical Installation, or Completion of	Quarterly Inspection		
No signs of instat	of any instability, structural weakness, or any other bility noted at this incised pond. The ent. No hazardous conditions were	There is no evidence of slur	mping in the pond or	
Required for an impoundment which functions as a SEDIMENTATION POND.	 2. Sediment storage capacity, including elaverage elevation of existing sediment. 60% Sediment Storage – 7566.9 100 % Sediment Storage – 7569. Estimated Sediment Elevation – 3. Principle and emergency spillway elevation – 7573.9 Feed 4. Field Information Some water in pond. The pond was not discharging at were stable. No instability was not discharging at were stable. 	7561.5 ations. t t the time of inspection. The	e inlets and outlet	

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the tab key to move from one field to the next. To select a check box, click in the box or type an x.

GENERAL INFORMATION

Report Date Permit Number 4/22/2008

Permit Number Mine Name C/007/020

Company Name

HORIZON MINE
HIDDEN SPLENDOR RESOURCES, INC.

IMPOUNDMENT IDENTIFICATION

Impoundment Name
Impoundment Number

SEDIMENT POND

UPDES Permit Number

UTG040000-001 UTG040000-001

MSHA ID Number

N/A

IMPOUNDMENT INSPECTION

Inspection Date

3-8-2007, 6-27-2007, 9-17-2007 & 10-15-2007

Inspected by

KIT PAPPAS

Reason for Inspection

QUARTERLY AND ANNUAL

(Annual, quarterly or other periodic inspections, critical installation, or completion of construction.)

NONE OBSERVED (SEE ACCOMPANYING DOND INSPECTION REPORTS)

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE OBSERVED (SEE ACCOMPANTING FOND INSIDE MONE OR 15)	

Questions a and b are required for an impoundment, which functions as a Sedimentation pond.

a.	Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes
	and estimated average elevation of existing sediment.

60% ELEVATION - 7566.6, 100% ELEVATION - 7569.8, ESTIMATED AVERAGE ELEVATION OF EXISTING SEDIMENT - 7561.5	
ELEVATION OF EXISTING SEDIMENT - 7501.3	

b. Principle and emergency spillway elevations.

SPIL	LWAY ELEVATI	ON - 7573.9		

2. Field Information

Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

CURRENT WATER ELEVATION APPROXIMATELY - 7568. POND WAS CLEANED OUT FROM 7-19-06 THROUGH 7-21-06. A 60% CAPACITY MARKER WAS PLACED IN THE POND ON 7-26-06.

_			
3.	Hield	Evalu	ation.
. 7 .	I ICIU	L valu	auvii.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period

NONE OBSERVED	 		
·			
	•		

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature:	WA La	Date: 4-27-08
	J. Mr.	

CERTIFIED REPORT

IMI	POUNDMENT EVALUATION		
	If you answer NO to these questions, please explain under comme		
		YES	NO
1.	Is impoundment designed and constructed in accordance with the approved plan?	\boxtimes	
2.	Is impoundment free of instability, structural weakness, or any other hazardous conditions?	\boxtimes	
3.	Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	\boxtimes	

COMMENTS/ OTHER INFORMATION

CERTIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

Bv:	Joseph T.	. Paluso

Full Name and Title

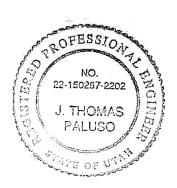
Signature: D J Jahrso

Date 4/17/08

P.E. Number & State

22-150267-2202

[P.E. Cert. Stamp]



O:\FORMS\Annual rpt\Impoundment.doc

APPENDIX B

Reporting of Technical Data

Including monitoring data, reports, maps, and other information As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

CONTENTS

SUBSIDENCE MONITORING SURVEY UNDERGROUND DISCHARGE PUMPING DATA BIG GAME ROAD KILL FATALITY REPORT BASELINE WATER MONITORING

MID STATE SERVICES, INC. HORIZON MINE SUBSIDENCE SURVEY

STATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
CALIBRATION C	ONTROL			
Α	497114.12	2122250.60	8655.40	rebar
NW 20	494001.85	2124908.62	7754.23	Brass Cap
MEASURED		Sept. 2007		
SP4	498315.92	2124251.96	8039.33	5/8" rebar w/cap
SP9	499712.95	2119668.78	8546.22	5/8" rebar w/cap
SUB1	499817.08	2122414.02	8456.73	5/8" rebar w/cap
SUB2	500025.38	2123687.85	8414.41	5/8" rebar w/cap
SUB3	500318.48	2124538.01	8389.37	5/8" rebar w/cap
SUB4	500883.63	2125415.20	8360.68	5/8" rebar w/cap
SUB5	501926.97	2126811.98	8315.63	5/8" rebar w/cap
SUB6	501496.20	2128478.51	8708.02	5/8" rebar w/cap
SUB7	500140.95	2128310.25	8838.51	5/8" rebar w/cap



WARE SURVEYING & ENGINEERING

G.P.S. & CONVENTIONAL SURVEYING - AUTOCAD MAPPING - CIVIL ENGINEERING



HORIZON MINE DISCHARGE FOR 2007

DATE	GALLONS PUMPED	MINUTES	AVG. G.P.M.			
1/1/07						
1/31/07	10,964,200	44,640	245.61			
2/28/07	14,110,300	40,320	349.96			
3/31/07	12,624,100	44,640	282.80			
4/30/07	15,426,400	43,200	357.09			
5/31/07	14,439,600	44,640	323.47			
6/30/07	13,598,700	43,200	314.78			
7/31/07	8,647,900	44,640	193.73			
8/31/07	12,749,600	44,640	285.61			
9/30/07	10,986,000	43,200	254.31			
10/31/07	14,338,000	44,640	321.19			
11/30/07	11,873,900	43,200	274.86			·
12/31/07	9,873,900	44,640	221.19			
				TOTAL GALS.	MINUTES	AVG. G.P.M.
				149,632,600	525,600	284.6891172

Big Game Road Kill Fatality Report

	1st Qua	rter	2nd Qua	arter	3rd Qua		4th Qua		
Year	Employee	Other	Employee	Other	Employee	Other	Employee		Total
	Killed	Killed	Killed	Killed	Killed	Killed	Killed	Killed	
1997									
Dee	r 0	0	0	0	0	0	0	0	0
Elk	0	0	0	0	0	0	0	0	0
1998								į	
Dee	r 0	0	0	0	0	0	0	0	0
Elk	0	0	0	0	0	0	0	0	0
1999								_	
Dee	r 0	0	0	0	0	0	0	0	0
Elk	0	0	0	0	0	0	0	0	0
2000									١.
Dee	er 0	0	0	0	0	0	0	2	2
Elk	0	0	0	0	0	0	0	0	0
2001								_	١.
De	er 1	0	0	0	0	0	0	0	1
Elk	0	0	0	0	0	0	0	0	0
2002								_	
De	er 0	0	. 0	0	0	0	0	0	0
Elk	0	0	0	0	0	0	0	0	0
2003									
De	er 0	0	0	0	0	0	0	0	0
Elk	. 0	0	0	0	0	0	0	0	0
2004									١.
De	er 0	1	1	0	0	0	0	1	3
EI	0	0	0	0	0	0	0	0	0
2005								_	
De	er 0	2	1	0	0	0	0	2	5
EII	c 0	0	0	0	0	0	0	0	0
2006							_	_	
De	er 0	0	0	0	0	0	0	0	0
Ell	k 0	0	0	0	0	0	0	0	10
2007					1				
De	er 0	0	1	0	1	0	0	0	0
El	k 0	0	0	0	0	0	0	0	0

^{* -} Totals verfied by Derris Jones - DWR (Habitat Manager) 11/08/00

Baseline water monitoring and sampling was conducted on September 17, 2007 as part of the 3rd Quarter Water Monitoring. See following Chain of Custody pages. However, as a result of Hidden Splendor Resources, Inc. filing for Chapter 11 Bankruptcy Protection on October 15, 2007, the results will not be released by SGS Laboratory to Hidden Splendor Resources until the balance owing is paid. Since the debt was incurred prior to the Bankruptcy filing, Hidden Splendor Resources is not allowed by the court to pay this amount until such time as the company emerges from the Chapter 11 Bankruptcy.

ntification:								:::::::	and Data C Sampling: Sampled By	Date		Notes		
ID (Customer HIDDEN S RESOUR	PLENDOR	Sdample SP-2	D / Samp	le Collec	tion Lo	cation		KP	7-17-01	9:35			
									Field Parameters:					
ain of Custod	dy:	Mine ID-		Site ID-	2		Date Tin		pH DO	Flow	Cond		Turb.	Te
inquished by		Dete 9 1 1 - 01	Time 240	Recieved			7-17/14	77/3	8.20	0.15	580			1
K.PAPPAS				U					0.00	[2,1]				
												I Daile	·\	
perational:	Inorgan	ics and Meta	ls					Bas		and Metals	Waste a	Time	irig)	
Analyte/	Method		Date	Time Analyzed	Analytet	Flags			Holding Time C	oncentration	Analyzed	Analyzed	Analyst	F
Holding Time	EPA	Concentration	Analyzed	Hidyseu	::mitm3:11:	1111484		X	Nittite EPA					
24 hours	150.1							X	Ortho Phos EPA					
DO	EPA 360.1								2 300.0			-	-	+
24 hours Stilble Solids	EPA												<u> </u>	┺
2	160.5		<u> </u>		 			H	Fluoride EPA					
Turbidity	EPA 180.1				1	l			2E 300.0			 	 	\dagger
TDS	EPA		<u> </u>]	X	Ammorii EPA 28 350.2&3					1
7	160.1		<u> </u>					x	Nitrate EPA					
T\$3	EPA 160.2								2 300.0				 	十
2 Acidity	ASTM		 				1		Total phos SM 28 4500P-B,E				1	
14	D1067-92				ļ		-	-	28 4500P-B,E Mercury T EPA					1
Alkalinity	SM						·	H	28 D 245.1			<u> </u>	 	+
14 Bicarbonate	2320B SM			 	 	1	1		Aluminum T EPA			- 	-	+
PICAL BRITAIR	2320B						_	X	180 D 200.7 Arsenie T EPA					1
Carbonate	SM			Ì	1 .		1	X	180 D 200.7				 	4
14	2320B EPA			 	+	 	1		Harium T EPA					+
Chloride	300.0								180 D 200.7 Boron T EPA	+	+	 		1
Conductivity	SM						1.	X	Boron T EPA 180 D 200.7					Į
28	2510B					+	1	<u> </u>	Cadmium T EPA					+
Oil & Grease	EPA 413.1							X	180 D 200.7				+	+
3ulfate	EPA							-	Chr. on train T EPA 180 D 200.7	_				
28	300.0						-{	-	Copper T EPA					\dashv
Hardness:	SM 2340B			1				X	180 D 200.7					\dashv
180 Cations	23400		1	 	1	\top	٦.		Lead T EPA				+	\dashv
180							1	X	180 D 200.7 Molybden T EPA					
Amons								X	1 1111111111111111111111111111111111111					_
14		1 -	1	1	1	I .		ننا ا	Nickel T EPA	1	1	1	ı	

SILVER D
Flag Codes: 200.7 D 4 -Expired when analyzed EPA EPA procedure modified.
 Possible matrix interference. Sodium 5 -Filtered at lab 200.7 3 Expired when received

X

Selenium T

180

180

Zinc

EPA

200.7

EPA

200.7

EPA

200.7

: Dissolved Metals filtered at lab : Dissolved Boron filtered at lab

GROUND WATER

EPA

EPA

200.7

EPA

200.7

EPA 200.7 D

EPA

D 200.7

180

180

180 Manganese T

180

180

180

Potassium T

fron

Magnesium T

	tification:	sis Requ						npling: ipled By		Date	Time I	votes		
In of Custody: Mine ID	D Customer	the state of the s		ple Collect	DIT LUCAN	241111111111111		معتان شده و دو و و از		- 13 A	9:20			
Incorporation Date	RESOURCE	CES, INC.	-0					_		9-17-61				
Incorporation Date							Fie	ld Parar	neters:					<u> </u>
Consentation Cons	in of Custody:				Dat	Time		**************************************		Flow	Cond		*,*,*,*,*,*,*	
Parational:			40110	\bigcirc			17.6	30	5	0.25	750			9,5
Tries Trie	К.РАРРАЗ	11111					<u></u>							
Parallyte Method Concent atom Analyze										o and Metals	: (Waste a	nd Drinki	ng)	
Part	erational Inorgan	nics and Metals			न्यकाता	Bas				cs and wetar	l Date	TIME		, na
Process 1951	Analyte/ Method			i Analysi	Flags		Hol	ding Time		Concentration	Analyzed	Analyzed	Hugiysi	1:144
Section 10.1	Hounts amo	Concentration 2	italy rep races as			X	Nitr 2	rte .						
28 Dodge 19 PA	24 hours 150.1					X	Ort	ho Phos						
Simple State EPA	# 26666666 [4		300.0					
Turnelly	Dittoto voras.	Ì					6	orida	EPA		+			T
TOS	4::::::::::						28		300.0				 	+
150 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					X	1 1		:					-
100	7 160.1					X	1 1		4	-				
Activation	1-1-9-2010 (1994)					-	2	otal phos	1					
Akabuiny SM 2320B) TUUU						28			:				士
Fig.	14 14 14 14 14 14 14 14 14 14 14 14 14 1					-			245.1				-	+
	14 2320B						-1 1							丰
Calcinite	14 2320B					<u>^</u>		rsenic T	EPA			-	+	+
Chloride	2220				1	×		++++	-					
Conductivity SM 2510B	Chloride EPA						1	180	D 200.7					
28	40					X	_							
A A A A A A A A A A	28 2510B			_	+					1	_			
Suitate EPA 300.0	I MERCHANIST					12			EPA					
Hardness SM 180 D 200.7 Lead T EPA Lead T EPA Lead T EPA Lead T EPA	2000						7			+				
Cations 180 D 200.7	Hardness SM				1	5		180	D 200.7					+
180	1 100	-				F	+			++				4
	180					É		Molybden	T EPA				_	士
Balance			`			-	-						1-	\dashv
Calcium T EPA	Balance						-	180						\exists
Magnesium T EPA	Calcium T EPA							180	D 200.	7				\dashv
Section Column			+											\Box
C Store T EPA	(180 D 200.7					,		100						\dashv
Mangares: T EPA	(Iron T EPA						\exists							\dashv
X 180 D 200.7 EPA SILVERD 200.7 EPA SILVERD 200.7 EPA EPA EPA EPA EPA EPA EPA EPA EP	X Manganese T EPA					1	口							_
X 80 10 200.7 Flag Codes:	X 180 D 200.					1	-	SILVERI						
TOTAL T	X 180 D 200.	7				1	Fla	n Codes	 5:		anna kane	mired who	n analy	zed

Revision Date: 11/16/05

: Dissolved Metals filtered at lab

SURFACE WATER

CT&E Analysis Request, Chain of Custody, and Data Collection Form

CT&E	Customer HIDDEN S RESOUR	PLENDOR	SS-3	ID / Sam		oodii c			Sampled By KP		1-17.67	9:10			
n of Custo	ody:	Mine ID-		Site ID-	11				Field Para			Cond		Turb.	Ten
uished by		Date	Time	Recieved	by:		Date T		The state of the s	DQ 2	Flow			11.01.00	1
K.PAPPAS	5	7-17.07	2. 270	BIOY	<u>(/W</u>		777	14/4	7.30	4	380cps	530	2		13,
rational: Analyte/ Holding Time	Method	ics and Meta	Date	Time Analyzed	Andyst	Flags		_	eline: Analyle/ Holding Time	Inorgani Melhod EPA	cs and Metals Concentration	Date	and Drink Time Attalyzed		Fle
PΗ	EPA 150.1							X	Nitrite 2	300.0					igspace
24 hours DO	EPA	***************************************	 				1	X	Ortho Phos	EPA					
24 hows	360.1		<u> </u>				-	H	2	300.0					\top
Stible Solids	EPA 160.5			İ								ļ			+
Turbidity	EPA								Fluoride 28	EPA 300.0					
2	180.1 EPA		 		 		-	X	Ammonia	EPA					Τ
TDS 7	160.1						1		28	350.2&3 EPA		 	 		+-
T\$3	EPA							X	Nifrate 2	300.0				<u> </u>	\perp
? Acidity	160.2 ASTM		1				1		Total phos	SM					
14	D1067-92		ļ				-	\vdash	28 Mercury T	4500P-B,E EPA	- 	1			1
Alkalinity 14	SM 2320B		Ì			İ			28 D	245.1					+
Bicarbonate	SM			1			1		Alummum T	EPA 200.7		 	 		+
14	2320B			ļ		 	-	X	180 D Arsenić T	EPA					\top
Carbonale 14	SM 2320B						_	X	180 E			 		 	+
Chloride	EPA							Н	Barium T	EPA 200.7			 		\pm
28 Conductivity	300.0 SM				-		1		Boron T	EPA				ļ	+
28	2510B						_	X	180 I Cadmium T	200.7 EPA				 	+-
Oil & Grease	EPA 413.1							X	180 I						\perp
28 Sulfate	EPA			 	1	1	1		Chromium T	EPA		-	 		+
28	300.0				-	 	-		180 I Coppet T			+			
Hardness 180	SM 2340B					ļ		X	180 I	200.7					_
Cations							7	х	Lead T 180		 	 	 	+	+
180			-				┪	H	Molybden T						\perp
Amons 14						ļ			180	Ď 200.7	 		+	-	+-
Balance									Nickel T	D 200.7					工
14 Calcium 7	EPA								Selenium T	EPA		-			-
180	D 200.7						-	X	180 Zinc T	D 200.7 EPA	 		1		士
Magnesium 180	T EPA D 200.7			+	+	+	\dashv	X		D 200.7					\bot
Iron	T EPA			1			7				 		-	+	+
180 Manganese	D 200.7 T EPA			+	+	+	\dashv	-							\perp
	D 200.7					1				ED.	 	-	+		+
Potassium			_	-			-		SILVER D	EPA 200.7	+				工
180 Sodium	D 200.7 F EPA	_			+		-	FI	aq Codes:					. 5. 5. 5. 4. 5 2 5 4 5	- Table 141
180	D 200.7							1	EPA procedi	ire modif	ied.		red when red at lab	****	<u>d</u>
									Possible ma Expired whe			JT.III.E	icu ai idū		
								9	evelined wile			مشمشيشمشون مستعمين			

Revision Date: 11/16/05

CT&E Analysis Request, Chain of Custody, and Data Collection Form

Identification:									Sampling	j: 	TERRITORIS CONTROL	Time	Notes		
Lab ID	Customer		Sdample	ID / Samp	le Collec	tion Lo	cation		Sampled E	Зу		Time	i votos	191111111111111111111111111111111111111	
CT&E	HIDDEN S	PLENDOR							KP		9-1707	12:35			
	RESOURC	ES, INC.									<u> </u>	12:1)			
									Field Par	rameters:					
main of Cust		Mine ID-		Site ID-	14		Date Tin		pH	DQ	Flow	Cond	Ţ		Temp
Relinquished by		Date (7-1')-0')	Time	Recieved	14/\		9-17/9	140	8.00	1	15	440	.]		11.2
K.PAPPA	<u> </u>	-1-1-0	2.70	XIJUI	W)		/		6.00	1/2	1/)	1710			
		L	1												
								D	eline:	Inorganic	s and Metals	s (Waste a	ınd Drinkin	ıg)	
Operational:	Inorgan	ics and Meta		rangan (1995)	anananana	reservation.	1	Bas	Analyte/	Method		Date	Time		
Analyte/	Method		Date Analyzed	Time Analyzed	Analyst	Flags			Halding Tim	• • • • • • • • • •	Concentration	Analyzed	Analyzed	Analyst	Flags
Holding Tim	EPA	oncentration	1 2 11 141 15 15 15 15		1			X	Nitrite	EPA 300.0					
24 hours	150.1		_				-	X	Orthia Phas	EPA				ļ	
DO	EPA 360.1								2	300.0					
X Stilble Solids															
2	160.5					 		П	Fluoride	EPA					
Turbidity	EPA 180.1				ļ		1	X	28 Ammonia	300.0 EPA					
X TDS	EPA					ĺ	1	1	28	350.28x3			 		\vdash
X T\$3	160.1 EPA		 			1	1	X	Nitrate	EPA 300.0					
^ ;	160.2			 		+	-	H	Total phos	SM					
X Acidity	ASTM D1067-92								28	4500P-B,E T EPA			 		
X Alkalinity	SM							H	Mercury 28	D 245.1					
14	2320B				-	┼─	-		Aluminum						
X Bigarbonat	8 SM 2320B						_	X	189 Arsenic	D 200.7 T EPA					
X Carbonate								X	180	D 200.7					
X Chloride	2320B EPA				1	1			Barium 180	T EPA D 200.7		_			
28	300.0				_		-	-	Boron	T EPA			Ţ		
Conductive	ty SM 2510B							X	180	D 200.7 T EPA	 	_			
X Oil & Gre								X	Cadmium 180	D 200.7					-
28	413.1						-		Chromium	T EPA			-		
X Sulfate	EPA 300.0						_	-	180 Copper	D 200.7					
X Hardness	SM							X	180	D 200.7				┼	-
X Cations	2340B			_			7	V	Lead 180	T EPA D 200.7					
							-	×	Molyloder					 	-
X Anions									180	D 200.7 T EPA	 	-			
X Balance							1	-	Nickel 180	T EPA D 200.7					
14		-				-	_		Selenium	T EPA			+	+	
Calcaum X 180	T EPA D 200.7	++				1		X	180 Zmc	D 200.7 T EPA	++				
Magnesi	nn T EPA						\dashv	X		D 200.7					+
X 180	D 200.7 T EPA] [+				
X Iron 180	D 200.7							-	-						
X Mangan						\dashv]	EPA			-		
X 180 Potassiu	D 200.7 m T EPA	++						}-	SILVER						
X 180	D 200.7							. L	lan Code	es:		anada ka	pired when	analyz	ed
Sodium	T EPA	1			_		\exists		FPA prop	cedure mod	fied.		pired when tered at lat		
X 180	D 200.7								Possible	matrix inter when receiv	ed	- T			
								ŧ	:-Expired:\	Mileirichela		<u> </u>			
SUF	RFACE WA	ATER								: Dissol	ved Metals fi	Itered at la	b		
23.										: Dissol	ved Boron fil	tered at lab	י		

Revision Date: 11/16/05

ab ID	Customer	Sdample ID / Sample Collection	on Location Sam	oled By	Date	Time	Notes
CT&E	HIDDEN SPLENDO RESOURCES, INC.	<u> </u>	KP		9-17-07	17:10	
hain of Custo	ody: Mine ID	28 Site ID- 18	Fiel	d Parameters:		12000	Turb
Relinquished by: K.PAPPAS	- M - M - M	Time Recleved by 2:40 4/0100	Pate Time pH	c 5	Flow 17	Cand 450	Turb.

Оре	erational:	Inorga	anics and Meta	ls			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Analyte/	Method		Date	Time		
	Holding Time		Concentration	Analyzed	Analyzed	Analyst	Flags
П	Hq	EPA					- 1
	24 hours	150.1					
	DO	EPA					
	24 hours	360.1					
X	Stille le Solids	EPA					1
	2	160.5					
	Turbidity	EPA					
	2	180.1					
X	TDS	EPA					1
	7	160.1					
X	TSS	EPA				·	
	7	160.2					
X	Acidity	ASTM					1
$ \cdot $	14	D 1067-92					
X	Alkalinity	SM					ì
	14	2320B					
X	Bicarbonate	SM				İ	
	14	2320B					
X	Carbonate	SM					
	14	2320B	ļ				
X	Chloride	EPA					
	28	300.0	İ				
	Conductivity	SM					
	28	2510B	1				
1X	Oil & Grease	EPA					
	28	413.1					
X	Sulfate	EPA			1	ì	
	28	300.0	·				
X	Hardness	SM				1	
	180	2340B					
X	Cations						
11	180						
X	Anions						
	14						
X	Balance					1	
	14						
	Calcium T	EPA					
X	180 D	200.7			J		
П	Magnesium T	EPA					
X	180 D	200.7					
X	Iron T	EPA					
X	180 E						
X	Manganese T	EPA					J
X	180 E						
	Potassium T						
X	180 E						
	Sodium T	EPA					
X	180 I			 		1	
	10.0	14 200.1					

SURFACE WATER

	eline: Analyte/	Method	1000	and Meta	: Da	le:	Time		
		Merrion		centration	Ariale	rand:	Analogad	Analyct	Flate
1	Holding Time		: PUR	icetti anon	:1: String	AGU.	- citiuiy-zeu		
x	Nitrite	EPA							
	2	300.0	ļ						
X	Ortho Phos	EPA							ĺ
	2	300.0	ļ						
					1				
			L						ļ
	Fluoride	EPA	}		1				İ
	28	300.0	L						ļ
\mathbf{x}	Ammonia	EPA							
	28	350.2&3							
X	Nitrate	EPA	l				1		
	2	300.0							
	Total phos	SM	İ		1				İ
	28	4500P-B,I	·				ļ		
	Mercury T	EPA							ļ
\neg	žB D	245.1							
	Alumnum T	EPA							
x	180 D	200.7	\Box						
\exists	Arsenic T	EPA							<u> </u>
x	180 D	200.7							
	Barium T	EPA	\Box						
-	180 D	200.7	\Box						
-	Boron T	EPA	\Box						<u> </u>
$\overline{\mathbf{x}}$	186 D	200.7							
쒸	Cadmium T	EPA	\top						
x	180 D	200.7	\vdash						<u> </u>
$\stackrel{\sim}{+}$	Chromium T	EPA							<u> </u>
-	180 D		1-						
	Соррет Т		+-						
X	180 D		1		_				
^	Lead T	EPA	+				T		
Х	180 D		+-						
^	Molybden T		+-						1
	180 D		+		_		1		
			+-				 		1
	Nickel T	4	+					1	
	180 D	1	+-		_		 		1
	Selenium T		+-						1
X	180 E	+	+	 			· · · · · · · ·	 	1
<u>. </u>	Zinc T				_		 		1
Χ	180 I	200.7	+	 				1	+
_			+		-		 	+	+
L_		-		ļ			 	 	+
L			4-				+	+	+
L			-	-				+	+
		EPA						-	+
1	SILVER D	200.7	- 1	l	1				

riay codes.	4 C. C. V. S. C. S. S. S. S. S. S. S. S. S. S. S. S. S.
1 EPA procedure modified.	4 -Expired when analyzed
2 -Possible matrix interference.	5 Filtered at lab
3 -Expired when received	

:	Dissolved	Metals	filtered	at lal
:	Dissolved	Boron	filtered	at lat

C1	Γ&Ε .	Anal	ysis Re	quest	, Ch	aın o	it Ci	ustoay	, (and Data (しいだしい	וווע	ווווע		
	tification:	_								Sampling:			Notes]
Lab I		Custome		Sdample I	D / Samp	le Collect	ion Loc	ation	1 1-	Sampled By	111 11111111111111	، الخ	i votos		
1.22.22	CT&E		SPLENDOR	SS-10						KP	9-17-07	נטיי			
ł		RESOUF	RCES, INC.								1 // 0/				ļ
				<u> </u>					j L	T. I.I.D store					
hai	in of Custo	dy:	Mine ID-		Site ID-	15	************			Field Parameters	Flow	Cond		Turb.	Temp
Relin	quished by		Date	Time I	Re die √ed	by:		ate Time	u 1	pH DO					
	K.PAPPAS		0-17-07	2 40	SIUM	<u>"</u>	7.	17 1441	1	7.70 5	5,14	Zg	\mathcal{O}		62
									ן נ	1 C 1 3					_
								·	_						
								Ra	956	eline: Inorgani	cs and Metals	(Waste a	and Drink	ing)	
Ope	rational:		nics and Met	ais Date	Time				ı	Analyte/ Method		Date	Time		
	Analyte/ Holding Time	Method	Concentration	Analyzed		Analyst	Flags			Holding Time	Concentration	Analyzed	Analyzed	Analysi	Flags
	pH	EPA						Х		Nitrite EPA 300.0			-		
	24 hours	150.1						X	+	Ortho Phos EPA					
	DO	EPA								2 300.0					
X	24 hours Stilble Solids	360.1 EPA		-					1						
^	2	160.5						_	4	Fluorida EPA					
H	Turbidity	EPA				1				Fluoride EPA 28 300.0					
	2	180.1						X	1	Ammorna EPA					
X	TDS	EPA 160.1								2B 350.2&3		 	<u> </u>		
X	T\$3	EPA		1				X		Nitrale EPA 300.0					
	7	160.2						F	\dashv	Total phos SM		1			
X	Acidity	ASTM								2B 4500P-B,E		<u> </u>		<u> </u>	
×	14 Alkalinity	D1067-92								Mercury T EPA		 	 		+
^	14	2320B						-	4	28 D 245.1 Aluminum T EPA			 	 	
X	Bicarbonate	SM						- X	+	180 D 200.7					
	14	2320B			 	1		1	\exists	Arsenic T EPA			ļ	ļ	
Х	Çarbonate	SM 2320B						X		180 D 200.7		 		+	
X	Chloride	EPA						-	4	Barium T EPA 180 D 200.7	 	+		1	
	28	300.0			ļ	<u> </u>			\dashv	180 D 200.7 Boron T EPA		1			
	Conductivity							7	7	180 D 200.7			 		
X	28 Oil & Grease	2510B EPA								Cadmium T EPA			-	 	+
^	28	413.1							듸	180 D 200.7 Chromium T EPA	+	-	 		
X	Sulfate	EPA							\dashv	180 D 200.7					
	28	300.0	ļ		+	 			\dashv	Coppet T EPA			-	+	
X	Hardness	SM 2340B			1				X	180 D 200.7	 	_			
x	180 Clations	20102								Lead T EPA 180 D 200.7	+				
	180				<u> </u>		<u> </u>	F	X	Molybden T EPA					
X	Amons								\dashv	180 D 200.7			_		
	14	##			1	 		1 [Nickel T EPA					
X	Balance 14						<u> </u>				+				
-	Calcium	EPA				_	 	∤	X	Selemium T EPA 180 D 200.7					
X		D 200.7						1 1	$\stackrel{\sim}{\dashv}$	Zinc T EPA					
\-	Magnesium					+	 	1 [X	180 D 200.7					
X	180	D 200.7					T	η Γ							

SURFACE WATER

200.7 EPA 200.7

EPA

200.7

EPA

200.7

EPA

200.7

XXXXX

180

Manganese T 180 D

Potassium T

Т

180

Sodium

180

Flag Codes: 1-EPA procedure modified:	4 -Expired when analyzed
Possible matrix interference.	5 Filtered at lab
3 -Expired when received	

:	Dissolved	Metals filter	ed at lal
	Dissolved	Boron filtere	ed at lab

EPA

200.7

SILVER D

Analysis request, Unain of Custouy, and Data Collection Form UIGE Sampling: Identification: Notes Date Time Lab ID Sdample ID / Sample Collection Location Sampled By Customer HIDDEN SPLENDOR SS-11 KΡ CT&E RESOURCES, INC. Field Parameters: Chain of Custody: Mine ID-28 Site, ID-16 Cond Turb. Temp Flow DO Rede Date Time рΗ Relinquished by Date Time 7-17-0 K.PAPPAS 240 0,15 30 Inorganics and Metals (Waste and Drinking) Baseline: Operational: Inorganics and Metals Analyte/ Date Time Method Method Date Time Analyte/ Flags Analyzed Analyzed Analyst Concentration Flags Tolding Time Holding Time Analyzed Analyzed Analyst X EPA Nitrite EPA nH: 300.0 24 hows 150.1 X EPA Ortho Phos EPA DO: 300.0 24 hours 360.1 X Stible Solids EPA 160.5 Fluorida EPA Turbidity EPA 300.0 180.1 EPA X Ammonia X TDS EPA 350.2&3 28 160.1 EPA X Nitrate X EPA TSS 300 0 160.2 SM Total phos X Acidity ASTM 4500P-B.E D1067-92 T EPA Mercury X Alkalinity SM 245.1 28 D 2320B EPA Aluminum T X SM Bicarbonale 200.7 180 D. 2320B EPA T Arsento X SM Carbonale 180 D 200.7 2320B EPA Barium X Chloride EPA 200.7 180 300.0 T EPA Boron SM Conductivity 200.7 Х 186 2510B EPA admium Oil & Grease **EPA** 180 D 200.7 413.1 EPA Chromium T EPA Sulfale 200.7 186 D 300.0 EPA Copper X Hardness SM D 200.7 180 2340B EPA Τ Lead: Х Cations 180 D 200.7 180 EPA Molybden T Anions 180 D 200.7 Nickel EPA Х Balance 180 D 200.7 EPA T Selenium EPA Calcium 180 D 200.7 X 200.7 180 D EPA 7inc Magnesium T EPA 200.7 X 188 D 200.7 180 Iron EPA 180 D 200.7 Manganese T EPA 180 D 200.7 EPA T muizzato EPA SILVER D 200.7 X 200.7 180 Flag Codes:

SURFACE WATER

EPA

Т

D 200.7

Sodium

180

:	Dissolved	Metals filtered	at lat
	Dissolved	Boron filtered	at lab

EPA procedure modified:

2 -Possible matrix interference. 3 Expired when received 4 -Expired when analyzed

5 -Filtered at lab

CT&E Analysis Request, Chain of Custody, and Data Collection . Sampling: Identification: Notes Date Time Sampled By Sdample ID / Sample Collection Location Lab ID Customer 9-1707 ΚP HIDDEN SPLENDOR CT&E RESOURCES, INC. 10:25 Field Parameters: 28 Site ID-13 Mine IDhain of Custody: Temp Turb. Cond Flow DQ Date Time рΗ Recieved by: JOVU) Relinquished by: Date 8.00 620 15 K.PAPPAS Inorganics and Metals (Waste and Drinking) Baseline: Inorganics and Metals Operational: Date Time Analyte/ Method Time Date Analyte/ Method Flags Analyst Concentration Analyzed Analyzed Iolding Time Flags Analyzed Analyzed Analyst Concentration Holding Time EPA Nitrite nH. EPA 300.0 150.1 24 hours EPA X Ortho Phos EPA DΟ 300.0 360.1 24 hours X Stilble Bolids EPA 160 5 Pluoride EPA Turbidity EPA 300.0 28 180.1 EPA X Ammonia TDS EPA 350.2&3 28 160 1 EPA X Nitrate TS3 EPA X 300.0 160.2 Total phos. SM X ASTM Acidity 4500P-B,E D1067-92 Mercury EPA SM X Alkalinity D 245.1 28 2320B Aluminum T EPA SM Х Bicarbonate D 200.7 180 2320B EPA Arsenic SM X Carbonale 200.7 180 D 2320B EPA Barium EPA X Chloride 200.7 D 180 300.0 T EPA Boron Conductivity SM200.7 186 D 2510B EPA Cadmium Oil & Grease EPA 200.7 180 D 413.1 Chromium T EPA X Bulfate EPA 200.7 180 D 300.0 EPA Copper X Hardness SM D 200.7 180 2340 B 180 T EPA Lead X Cations 200.7 180 D 180 Molybden EPA Anions 200.7 D 180 Nickel EPA Balance 200.7 1B0 :D EPA Selenium EPA Calcium T D 200.7 180 180 200.7 T **EPA** Zinc Magnesium T EPA 200.7 X 180 D D 200.7 180 EPA Iron XX 180 200.7 Manganese T EPA X 180 D 200.7 EPA Potassium T EPA 200.7 SILVER D 180 200.7 X Flag Codes: Sodium T EPA 4 -Expired when analyzed EPA procedure modified.

SURFACE WATER

D

180

200.7

Dissolved Metals filtered at lab.:
Dissolved Boron filtered at lab

Possible matrix interference.
 Expired when received

5 -Filtered at lab

Analysis nequest, Unam or Ouslouy, and Data Component **UIQE** Sampling: Identification: Notes Date Time Sdample ID / Sample Collection Location Sampled By Lab ID Customer 9:45 CT&E HIDDEN SPLENDOR GV-70 RESOURCES, INC. Field Parameters: 28 Site ID-5 chain of Custody: Mine ID-Turb. Temp Cond Flow Date Time рΗ DO Date Time Redieved by: Relinquished by K.PAPPAS 6.40 9-17/144 7-17-0 840 10.6 0.50 Inorganics and Metals (Waste and Drinking) Baseline: Operational: Inorganics and Metals Method Analyte/ Analyte/ Method Date Time Analyzed Analyst Flags Analyzed Holding Time Concentration Flags Analyzed Analyst Analyzed Holding Time Concentration EPA Nitrite υĦ 300.0 150.1 24 hour EPA X Ortho Phos EPA 300.0 360 1 24 hour Stible Solids EPA 160.5 EPA Fluoride Turbidity EPA 300.0 180.1 X EPA Ammonia TDS EPA 350.2&3 28 160 1 EPA Nitrale EPA T:\$3 300.0 160.2 SM Total phos. ASTM X Acidity 4500P-B,E D1067-92 EPA Mercury T SM Alkalinity 245.1 28 2320B EPA Aluminum T SM X Bicarbonate 180 200.7 2320B EPA Arsenic SM X Carbonate X 180 200.7 2320B EPA Barium X Chloride EPA 180 200.7 300.0 EPA Boron T SM Conductivity 200.7 180 2510B **EPA** Cadmium Oil & Grease EPA X 200.7 180 413.1 EPA Chromium T X EPA Sulfate 180 200.7 300.0 T' EPA opper X Hardness SM X D 200.7 180 2340B 180 EPA Lead T X Cations 200.7 X 180 180 Τ EPA Molybden. X Anions 200.7 X 180 EPA Nickel X Balance 200.7 180 Ť EPA Seleniu Calcium EPA 200.7 X 180 Х 200.7 180 EPA T EPA Magnesium T 200.7 186 180 200.7 EPA Iron X 180 200.7 Manganese T EPA 200.7 180 EPA EPA Potassium T SILVER D 200.7 X 200.7 180 Flag Codes: EPA Sodium T 4 Expired when analyzed 1 EPA procedure modified. 180 D 200.7 5 Filtered at lab Possible matrix interference. Expired when received

GROUND WATER

: Dissolved Metals filtered at lab : Dissolved Boron filtered at lab

Analysis nequest, Chain of Custody, and Data Collection Form Sampling: Identification: Notes Sampled By Date Lab ID Sdample ID / Sample Collection Location Customer 9-1707 ΚP HIDDEN SPLENDOR CT&E 1:00 RESOURCES, INC. Field Parameters: 28 Site ID-4 Chain of Custody: Mine ID-Flow Cond Turb Temp DO Date Date Time Relinquished by Time 7.50 K.PAPPAS K Inorganics and Metals (Waste and Drinking) Baseline: Operational: Inorganics and Metals Date Time Analyte/ Method Analyte/ Method Date Time Analyzed Analyzed Analyst Flags Concentration Flags Holding Time Analyst Holding Tim Concentration Analyzed Analyzed EPA X Nitrite EPA ńΗ 300.0 24 nours 150.1 X EPA Ortha Phas EPA DO 300.0 360.1 24 hours Stilble Solids EPA 160.5 Fluoride EPA Turbidity EPA 300.0 180.1 EPA X Ammorjia TDS EPA 350 28:3 160.1 X EPA Nitrate EPA T\$3 300.0 160.2 Total phos. SM Acidity ASTM 4500P-B,E D1067-92 Mercury EPA X Alkalimity SM245.1 D 2B: 2320B Alumnum T **EPA** Х Bicarbonate SM 200.7 D 180 2320B EPA Arsenic X SM Carbonale 200.7 180 D 2320B EPA Barium X Chloride EPA 200.7 180 300.0 T EPA Horon SM Conductivity 200.7 180 D 2510B EPA Cadmium Oil & Grease EPA 200.7 180 D 413.1 EPA Chromium T Sulfate EPA 200.7 180 D 300.0 EPA Х Copper SM Hardness 200.7 D 180 180 2340B EPA Lead Τ X Cations 200.7 180 D 180 Molybden. T EPA Anions D 200.7 180 Nickel EPA Balance 180 Ð 200.7 EPA Selenium EPA Calcium 200.7 180 D 200.7 180 EPA 7mc EPA Magnesium T 200.7 180 200.7 180 Iron EPA $\overline{\mathsf{x}}$ 200.7 180 Manganese T EPA 200.7 180 EPA Potassium EPA 200.7 SILVER D X 180 200.7 Flag Codes: T EPA Sodium 4 Expired when analyzed 1 -EPA procedure modified. 180 200.7 5 -Filtered at lab 2 -Possible matrix interference. 3 -Expired when received **GROUND WATER** : Dissolved Metals filtered at lab

Dissolved Boron filtered at lab

Revision Date: 11/16/05

APPENDIX C

Legal Financial, Compliance and Related Information

Annual Report of Officers
As submitted to the Utah Department of Commerce

Other change in ownership and control information As required under R645-301-110

CONTENTS

APPENDIX D

Mine Maps

As required under R645-302-525-270

CONTENTS

HORIZON MINE 2007 MINING & 5 YEAR MINE PLAN WITH SUBSDIDENCE POINTS

APPENDIX E

Other Information

In accordance with the requirements of R645-301 and R645-302

CONTENTS

DEQ WATER ANALYSES HORIZON WELL MONITORING DATA



State of Utah

Department of Environmental Quality Division of Water Quality

Dianne R. Nielson, Ph.D. Executive Director

Walter L. Baker, P.E. Director

Kit Pappas Hidden Splendor Resources-Horizon Mine 3266 South 125 West Price UT 84501

> RE: Compliance Monitoring - UTG040019 12/18/2007

The Utah Division of Water Quality grab sampled your wastewater discharge, Storet No. 4931520 (LOADSTAR HORIZON COAL 002 MINE WATER) on 3/27/2007 and obtained the following results.

(LONDON, MARIE	Value UOM	<u>Fraction</u>	<u>Limit</u> <u>UOM</u>
Field Tests Dissolved oxygen (DO) Dissolved oxygen saturation	9.15 mg/l 83.1 % 600 gal/min	Total Total	()
low Salinity Specific conductance Temperature, water pH	0.27 ppt 537.1 umho/cm 11.54 deg C 8.02 None	Total Total	() () ()
Laboratory Analysis Iron Solids, Dissolved Solids, Total Suspended (TSS)	0.244 mg/l 312 mg/l 53.6 mg/l	Total	() (y) (y)
	, l	akad (V)a	pnear to exceed your permit

For your information the values for those parameters checked (X) appear to exceed your permit limits.

Sincerely,

Jeff Studenka

Environmental Scientist

Permits & Compliance Section

tudento

Division of Water Quality



F

State of Utah

Department of Environmental Quality Division of Water Quality

Richard W. Sprott Executive Director Walter L. Baker, P.E. Director

Kit Pappas Hidden Splendor Resources-Horizon Mine 3266 South 125 West Price UT 84501

RE: Compliance Monitoring - UTG040019 1/18/2008

The Utah Division of Water Quality grab sampled your wastewater discharge, Storet No. 4931520 (LOADSTAR HORIZON COAL 002 MINE WATER) on 10/30/2007 and obtained the following results.

resuits.	<u>Value</u> <u>UOM</u>	Fraction	<u>Limit</u> <u>UOM</u>	
Dissolved oxygen (DO) issolved oxygen saturation Flow Salinity Specific conductance Temperature, water pH	8.26 mg/l 85.9 % 750 gal/min 0.29 ppt 576.3 umho/cm 11.84 deg C 7.38 None	Total Total Total		() () () () ()
Laboratory Analysis Iron Oil and Grease Solids, Dissolved Solids, Total Suspended (TSS)	0.148 mg/l *Non-detect 342 mg/l 15.6 mg/l	Total Total	5 mg/l	() () ()
		11 / V \ 0	appear to exceed \	our permit

For your information the values for those parameters checked (X) appear to exceed your permit limits.

Sincerely,

Jeff Studenka

Environmental Scientist

Permits & Compliance Section

Division of Water Quality

TABLE 7-1 (Continued)

WATER-LEVEL DATA OBTAINED FROM LOCAL MONITORING WELLS

H7-05-1			5-1 HZ-95-1S HZ-95-2 evatior Depth Elevation Depth Elevation						HZ-95-3			HZ-01-06-		vation
	Dont	-50-	ratios [)enth	levatio	Dept	hEleva	tior D	epth	Elev	ation	Dep	tn Fie	vation
Date	Depτi (ft)*	reiev ()	ft)	(ft)*	(ft)	(ft)*			1.2	1		(ft)	<u>*</u>	(II)
12/5/95		1		135.0	8221.5	828.0	751	9.6		┼	-			
12/13/95	786.0	0 75	70.70		-	<u> </u>		- .		75	22.70			
12/21/95						<u> </u>	 		378.80		20.70			
7/9-10/96	711.3	0 75	85.40	133.80	8222.70				380.80		13.70			
8/5/96	770.8	0 75	85.90	133.50	8223.00			•·	387.8		13.80			
9/11/96	769.4	0 75	87.30	132.50	8224.0			$\overline{}$	387.7	_	20.80			
10/23/96	776.4	10 75	80.30	132.50	8224.0				380.7	-	20.70			
11/1/96	776.4	_	80.30	132.50	8224.0	829.		-	380.8					
12/13/96	#			#		829.	50 75	8.10	379.5	0 /3	22.00			
1/6/97	771.	05 75	584.75	133.00	8223.5	0				+				
2/10/97	+			+		+			+			-		
3/25/97	+			+		+			+					
4/1/97	+	+		+		+			+			├		
			584.90	131.5	0 8225.1	0 828	.05 75	19.55	_		522.40	-		
5/28/97	770		585.60	132.1			.72 75	19.88	379.		522.40			
6/30/97			583.90	132.5			.20 75	20.40	379.		522.40	+-		
9/16/97		-	583.70		0 8224.	00 827	.20 75	20.40			522.40			
10/17/97			7538.90				.60 7	11.00	395.		506.40	$\overline{}$		
6/30/98			7611.70			00 840	.90 7	506.70	398.		7503.50			
9/1/98	745		7597.90	+			7.80 7	199.80	399	50	7502.00	<u> </u>		
6/1/99			7598.60	+			5.90 7	501.70						
7/1/99	-	-	7556.00	+	10 0===		+				7504.50			
11/1/99	-	+	7404.00		80 8223	70 84	9.80 7	497.80	401	.50	7500.0	2		
5/20/00		2.70	7494.00	132.	00 0220					.10	7499.4	0		
9/8/00			7404 7	124	40 8222	10 86	3.80 7	483.80	0					
9/26/0			7481.70			-10 00	\$			\$		\perp		
10-12/31	/00	\$		- \$			+		1	+				
12/12/0	00	+ +		+			+			+				
3/23/0		+		+ +		75 0	66.75	7490.8	5 41	4.17	7487.3	3		<u> </u>
5/31-6/1	/01 87	0.55	7486.1		.75 822			7485.2			7485.4			
9/20/0	1 87	76.85	7479.8		.50 822		-	7488.8	-	5.70	7485.8	30		<u> </u>
10/19/	01 8	73.36	7483.3	134	.65 822	1.85 8	30.71	7400.0	-				944.20	7817.20
11/17/	01								_	@			@	
2/18/	02	@			<u> </u>		<u>@</u>		\dashv	@			@	
3/25/	02	@			<u>@</u>		@	7490	22 4		7443.	38	1029.58	7731.82
6/12/	02 8	76.68	7480.	02 13	5.08 822	1 -		7470			%743		1036.85	7724.5
9/4/0	02 8	76.85	7479.	85 13			69.28	7477.				_	1037.4	
10/8/		76.55	7480.	15 13	6.00 822	0.50	369.65	14/1.		465.1			@	
5/14		@			<u>@</u>		@	7475		465.1	-		1036.6	7724.8
5/28		375.12	7481.	38 13	5.35 82		872.00	7475		465.	1 01 = 40		1036.7	
9/5/		376.22	7480	.48 13			B71.73	7475		465.			1036.5	
10/10		876.24	7480	.46 13	85.45 82	20.93	871.92	7476	.00 //		+		@	
3/1/		@			@					LAGE	1 %74	36.4		
3/29		@			@			\ 					1062.5	7698.9
		901.5	4 7455	.16 1	35.68 82	20.82	877.20	7470	-	6465.	1 2/24		1050.5	
	7/04	905.7			36.15 82	20.35	878.00	7469		%465.			1050.3	
	4/04	909.2		7.45 1	35.90 8	220.60	878.17	7469	3.43 °	<u>%465</u>	1 7014	30.4	@	
<u> </u>	6/05	@	1		@		@_						@	
		<u>@</u>			@		@			@	1 2/2	20.4	1039.	76 7721.
	1/05	993.5	736	3.19 1		223.70	882.62			%465		36.4	4000	
	8/05	993.6				222.60	844.50	750	3.10	%465		136.4		
9/2	2/05	993.6				211.78	844.6		2.99	%465	5.1 %74	136.4	_	
10.			011130					1	1	@	1		∖ @	· ·
	13/05 31/06	@			@		@_		0.40			436.4	1039	.20 7722

- * Depth measured from top of 2" tubing
- # Well site inaccessible 12/16/96, access attempted with Bill Malencik, UDOGM
- + Mine site declared inaccessible by Bill Malencik
- \$ Landowner refused access until pending agreement was completed.
- @ Inaccessible due to snow cover

% Dry

Surface Elevations

Top of 6 Top of 2" Ground

Casing Tubing Elevation

8357.1 8356.7 8352.6 HZ-95-1 HZ-95-1S 8357.6 8356.5 8352.6

8348.1 8347.6 8346.3

HZ-95-2 7902.2 7901.5 7897.6 HZ-95-3

8761.4 8759.4 HZ-01-06-1

7-10

TABLE 7-1 (Continued)

WATER-LEVEL DATA OBTAINED FROM LOCAL MONITORING WELLS

			LOC	AL MOI	ALI OLVII	10 11				
						25.0	H7-	95-3	HZ-01	-06-1
	HZ-95-1 Depth levati		HZ-9	5-1S	HZ-	95-2	Donth	levation	Depth	levation
Date	Depth	levation	Depth	levatio	Depth	levation	(ft)*	(ft)	(ft)*	(ft)
Date	(ft)*	(ft)	(ft)*	(ft)	(ft)*	(ft)	0/405 1	%7436.4	1039.20	7722.20
6/23/06	999 13	7357.60	143.61	8212.90	887.24	7460.40	%465.1	%7436.4 %7436.4		7721.30
9/13/06		7358.30	142.47	8214.03	887.93	7459.67	70400.1	70		
10/25/06		7358.50		8214.16	887.72	7459.88	70403.1	/81 400	@	
3/30/07					@		@ 0/ 4CE 1	0/7436.4		7720.2
6/27/07	998.32	7358.38	142.25	8214.25	888.04	7459.56	%465.	%7436.4 %7436.4	1041.53	7719.87
9/17/07	997 67	7359.03	145.45	8211.05	003.52				1041.48	7719.82
10/15/07	997.61			8210.63	889.77	7457.53	%465.	787 400.		
10/15/07	337.01	1							 	
	+	 							+	
	+	+	1			1		+	+	
		1						+	-	
	+	1						+		
		-	1						-	
		+							_	
									-	
			_						-+-	
		-+	-+-						_	
			_							
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				-+						